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U.S. Department of Agriculture

IRISES

and

PEONIES

1930

J. C. NICHOLLS
114 OVERLOOK ROAD
ITHACA, N. Y.

The Gardens

HOME GARDEN. At 114 Overlook Road. In this planting of about 4000 Irises are representatives of every Iris we grow—Novelties, Standard, Oncocyclus, Regelias, Japanese, Dwarfs, American Native Species, etc. It is the best one to visit except for the Seedlings.

OLD GARDEN. At Dryden Road and Cornell St. South of the Cornell Campus. Here are all the Peonies and Seedling Irises. About 6,000 new Seedling Irises and 1,000 Seedling Peonies will bloom there in June. This garden holds our greatest interest.

NEW GARDEN. At Prof. Hunn's place, three miles out on the Hanshaw Road. Fine soil with no other gardens nearby to introduce borers, etc. For propagation of Irises and contains many Japanese Peony seedlings too young to bloom. Of no interest in 1930.

In addition to our gardens above, there are at Ithaca the Cornell Test Garden and the Dwarf garden of Dr. A. H. Wright. The Cornell Garden now contains many of the newest Irises. Dr. Wright has assembled every Dwarf Iris obtainable from any source. The Cornell Peony planting is comprehensive.

Our Gardens are open for Inspection at all times, and we are glad to have visitors. The Tall Bearded Irises are in bloom from June 1 to 20, being at their best June 9 to 14. The Peonies begin about June 12 and the beardless Irises about June 18.

Irises

A select list of the finest old and new varieties, and
the best of the rare novelties, with our Introductions,
"WHITE and GOLD" "WHITE STAR"
"GLEAM" "FIRE GOD"
"RED ROBE"

The Rainbow's Rival

All things considered, the Iris is the finest garden flower there is. It gives us the greatest return on our investment of cash and care of any plant that grows. It thrives and blooms under neglect and adverse conditions. It embraces all the colors, gives an enormous volume of bloom, and is the best of all mediums for the painter of landscape pictures. It may be planted in the garden, along walks or drives, or to hold an embankment, and will flourish anywhere except in shade or marshy ground.

We are members of the American Iris Society, American Peony Society, English Iris Society, and the Commercial Peony and Iris Growers' Association.

PRIDE COMETH WITH JUNE—to the Iris and Peony Collector. You will get more pleasure from your flowers if you are a member of the Societies. Annual dues for each \$3.00. For the American Iris Society write: Mr. J. B. Wallace, Secretary, 129 Church St., New Haven, Conn. For the American Peony Society write: Mr. W. F. Christman, Secretary, Northbrook, Ill. For The Iris Society of England: Make check for \$2.85 payable to American Iris Society and mail it to Science Press Printing Co., Lime and Green Sts., Lancaster, Pa. Mark it plainly "For Dues for the Iris Society (OF ENGLAND)".

J. C. NICHOLLS

114 Overlook Road

Ithaca, N. Y.



A few of the members of the American Iris Society inspecting our garden during the Annual Meeting, 1929

Conditions of Sale

STOCK IS TRUE TO NAME

Every item is known to be true to name, and plotted block planting prevents error.

HEALTH

The Stocks are free from disease and Insect pests. Our own constant inspection is supplemented by visits of the Cornell University Experts. Inspection certificates required for Canadian shipments have been arranged for.

SIZE OF PLANTS

IRISES: Well grown single Rhizomes. **PEONIES:** Strong roots with two or more eyes; some varieties form only two eyes on natural divisions, however large.

SUBSTITUTIONS

None unless requested.

ORDER EARLY

An early order may avoid disappointment as the stock of some varieties is limited, and orders are filled in order of receipt. All orders are accepted contingent upon condition and availability of stock at shipping time. Prompt cash refund for anything we cannot supply.

TIME OF SHIPPING

IRISES. Bearded: Begin July 25. Beardless: Sept. 1. Oncocyclus and Regelias: Oct. 15. **PEONIES:** Begin Sept. 10.

All can be shipped as late as November.

TRANSPORTATION

All orders prepaid, except Bargain List.

TERMS

Cash with order. No order under \$2.00 accepted unless accompanied by 25c to cover postage and packing. Discounts: 5% on \$10.00 order. 10% on \$25.00 order. 15% on \$50.00 order. These discounts **do not apply** to the **Collections** which are net.

REFERENCES

First National Bank of Ithaca, Ithaca Savings Bank, etc., of Ithaca, N. Y.



1929

Foreword

In the "Foreword" of last year we gave our impressions of some of the newer Irises, hoping to be of help to those who cannot see large collections; the purpose seems to have been accomplished from the letters we have received. Our comment this year will have to be limited as the Iris Society meeting at Ithaca last year prevented our visiting other gardens; we saw only the new ones in our own garden.

As far as practicable, we require Irises to meet two conditions before growing for distribution, our own approval and approval by Iris people in general. This protects our patrons but reduces the number we list. Each year we add thirty or forty of the novelties that seem most worthy, and we will have to discontinue a similar number of the lower-priced sorts, however good; our garden is too specialized to permit us to carry them—always at a loss.

BLENDS. We regard Doxa as highly as ever, and Midgard rather outdid itself in our garden last June; our largest existing stock was soon sold to the permissible minimum. Candlelight continued its good impression, and these will bloom in our garden in June: Elsinore, Euphony, Rameses, Dolly Madison, Jan Williamson, Rhea, Sonata and Tuscany Gold.

WHITES. Snow White is better than we had realized, large, tall and beautiful. Istria showed its high quality and was almost unobtainable in this country before the season was over. White and Gold is still our choice, along with Snow White. When too late to change our 1929 catalogue, we learned that the flat projection of an Iris bloom looks considerably larger than does the bloom of equal dimensions. At first we suspected the photographer and engraver of inaccuracy, but later we did not have to select the largest blooms to completely cover the picture. So our attempt to give an exact impression turned out to be misleading. We are sorry and will not repeat.

WHITES. Cyriana-Mesopotamica-Ricardi. These have larger blooms than those of the next preceding paragraph, but some of them are not strong growers in a severe climate. Shasta was outstanding in every way, fine growth, large handsome flowers in abundance over a long period. Next was Mrs. Robert Emmett, excellent. Both seem to be at home in this climate. Purissima was subjected to a harsh test—late April snow after growth-starting warm weather; but it gave beautiful bloom on 38 inch stalk, and in normal years may approach its California perfection. The others have done well except two; Edith Cavell and Rene de Laborde have sulked badly in our garden.

J. C. Nicholls

YELLOW. Gold Imperial and Primrose are as good as ever. Many others will bloom in the garden this year, and we are adding: W. R. Dykes, Pluie d'Or, Desert Gold.

AMOENAS. To Mildred Presby, Rene Cayeux and Salonique, we have added Mary Williamson and Dorothy Dietz. Expect much of the latter.

REDS. Dauntless has just been given the highest approval, the Dykes Memorial Medal. Will bloom in the garden this June.

VARIEGATAS. Gay Hussar added; it is said to be brilliant and beautiful. Argynnis and Rialgar always sell well from field bloom.

BROWNS. Grace Sturtevant, King Tut, Churchmouse and Fire God may be seen here in June. Fire God has a rich color and we hope it will make a good record. It is the first seedling we ever had to bloom.

DOMINIONS. All we list are popular and we have added: Grace Sturtevant, Valerie West, Dauntless, Klamath, Blue Velvet.

DARK. Louis Bel is the most richly colored and its mass of bloom in the garden is arresting. Van Cleve is excellent. Gaudichau holds its own.

PINKS. Saw no new ones. General effect of Midgard is beautiful pink. Adding Pink Satin.

BLUES. Blue Velvet is greatly praised; we have not seen it. Wedgwood is splendid. Gleam is pale, almost true blue, and is very clear and chaste.

BICOLORS. Blue-purple. Sir Michael is gorgeous, one of the great. Blue toned and might be called a blend.

SEEDLINGS. Prior to 1930, we have had 1173 seedlings to bloom and have named four of them. In June we will have 6008 new ones to give strong bloom—476 crosses represented. Dwarfs and all sorts. Three of one cross and one of another cross for "fall bloomers" threw up nice stalks last October. Our hands will be full. What to name, what price, and **what name**; names are being used up at a frightful rate. We will try to restrain ourselves as we have more than 5000 coming on for 1931, and they should be far more promising. Fascinating, but a world of tedious work. Come and help us find fault with them in June.

Irises

TESTIMONIALS. None published, but we wish to take this means of thanking many of our patrons for taking the trouble to write us of their shipments. We would like to answer every letter personally but that is not possible. In 1929 we were pleased at the number of people who are courteously appreciative of kindly service. On the other side, we received three reports of omission and two of poor condition, also courteous and true; just enough to prove we are human. These reports are most valuable as they permit the distributor to perfect his technique of preparing and packing the plants.

DISTANCE. Has little significance. A shipment to Salvador, two to Alaska, and several to Europe gave us no concern, but one to Melbourne did till heard from. The two large cartons of 52 Iris roots were mailed here Sept. 13, 1929, to an experienced importer of Irises. He wrote under Melbourne, Australia, Nov. 12, 1929: "These have come to hand this day and I hasten to tell you how pleased I am with the whole consignment. Everyone was still showing green leaves, all rhizomes were in solid condition and had new growth showing on sides. I will put them in at once, and am sure they will do as well as any that I have ever imported". (The "testimonial" part of the letter is not quoted). Sixty-one days in the packages, by land and water, through Equatorial heat—fairly conclusive that we can deliver Iris roots in growing condition to any place on Earth reached by regular transportation. No question about Peonies.

TIME OF SHIPMENT. If you must have plants at a certain time, tell us and we will manage it, and cheerfully. Please help us, though, by not asking for special shipment unless actually necessary. Too many "special" orders will interfere with the orderly procedure of shipping, and will impair the service to which our other patrons are entitled.

Irises

LIST OF VARIETIES

TALL BEARDED

The percentage ratings for garden value by the American Iris Society are shown by the figures at the left of the names. In parentheses following the name of the variety are the name of the originator and the date of introduction. Figures after that give the height in inches. "S" denotes the standards or upper petals; "F", falls or lower petals.

SEE COLLECTIONS AND BARGAIN LIST AT END OF CATALOG

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| 82 | AFTERGLOW (Sturtevant 1917) 38 inches | \$0.35 |
| | Misty lavender blend, lit with yellow at the center. Good size and texture, and grows and blooms well. Deservedly popular, as the blooms are beautiful individually, and give an attractive soft effect in mass. | |
| | ALABASTER (Andrews 1926) 32 inches (3 for \$3.00) | 1.25 |
| | Pure white flower, medium to large, of exceptionally fine form. Falls flare, beard nearly white shading to yellow within. Styles white. Good texture and no veining. Received first prize for white at Cleveland Show, 1927. | |
| 88 | ALQUIPPA (Hall 1924) 34 inches | 3.00 |
| | Pale Massicot yellow with luminous center of deeper coloring. Good habit, vigorous, free blooming. The largest yellow so far. Its high quality is attested by the award of the Iris Society's Silver Medal. | |
| 84 | ALLIES (Vilmorin 1925) | 4.50 |
| | S. deep reddish violet, tinged copper. F. deep purplish red, with red-bronze markings on haft. A brilliant Iris, blooming also in Autumn under favorable conditions. | |
| 91 | AMBASSADEUR (Vilmorin 1920) 45 in. (3 for 1.25) | .50 |
| | S. smoky lavender, shot with bronze. F. very velvety deep brilliant red violet. Illuminated by yellow at center of bloom. Rich orange beard. Exceptional texture. Wonderful blooms on tall, strong stems. Probably the leading Iris in the world today, but it has grown and increased so rapidly that its price is in reach of all. | |

Irises

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| 88 | AMBER (Dykes 1924)
S. and F. yellow, with bronze markings at the base of the falls. Fine shape, finish, and texture. Similar to Shekinah, but is larger and deeper in color. | 2.00 |
| 77 | ANNA FARR (Farr 1913) 36 inches
A large clear white Plicata, of distinct form, and good substance. The standards and falls are delicately margined pale blue. A very beautiful Iris, with an individual style. | .35 |
| 87 | APACHE (Farr 1926) 28 inches
S. and F. distinct coppery red, growing lighter at the center. Nice shape and good substance. Similar to Peau Rouge but lighter. Attractive. | 2.00 |
| 88 | APHRODITE (Dykes 1922) 48 inches
Both standards and falls have the same tone, clear bright violet pink self. The falls have a white flush from the center of the blade to the haft. No veining of any kind. Grows vigorously and blooms freely. The blooms are large, of splendid texture, and have a perfection of form and finish hard to equal. Gracefully borne on 4-foot stalks. Its present great popularity will continue. | 1.50 |
| 83 | ARGYNNIS (Williamson 1925) 40 inches (3 for 1.25)
S. strontian yellow, F. dark violet carmine, without reticulation. Beard yellow. A distinct Variegata, and tall for that coloring. Has received the American Iris Society Award of Merit, confirming its high quality. | .50 |
| 88 | ASIA (Yeld 1920) 50 inches
S. pale silvery lavender, shading to yellow at base. F. very pale violet purple, growing lighter to the edges. Bright golden beard. The flowers are very large, and are gracefully borne on perfectly branched stalks over four feet high. For elegance, sheer beauty, and majesty of bearing, this great Iris has no peer. | 1.00 |
| | AVATAR (Wmsn 1927) 36 inches.
Large flower. S. light Heliotrope-Gray, margined and shading out at base to yellow. F. Pansy-Violet, flaring; haft yellow; tinged and brown veined; beard orange. A stately Iris. Suffused with a yellow glow as though lighted from within. Description taken from that of the Originator. | 4.00 |
| 89 | BALLERINE (Vilmorin 1920) 48 inches (3 for 1.35)
S. light blue violet, broad and waved at the margins. F. a | .50 |

little darker and very wide. Good texture and does not flop in hot sun. In our garden it has consistently given the largest Iris blooms we have ever seen. It has a delightful style, all its own. Splendid grower and free bloomer. An Iris of wonderful beauty and very popular.

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| 72 | BLACK PRINCE (Perry 1900) 24 inches | .50 |
| | S. blue purple. F. deep rich velvety black purple, with brilliant orange beard. Blooms small, but the only other Iris with the wonderful coloring of Dominion. The stock is always scarce on account of its weak growth and slow increase. | |
| 90 | BRUNO (Bliss 1922) 36 inches | 5.00 |
| | S. bronze tinted with lavender, shading to yellow at the base. F. deep rich red purple with the velvety quality of Dominion. A large flower of heavy substance. Is rivaling Cardinal for popularity among the Dominion seedlings. | |
| 91 | CANDLELIGHT (Andrews 1926) 48 inches | 5.00 |
| | S. & F. pale pinkish lavender, strongly illuminated with a rich golden glow, which fades toward the tips of the standards and falls. A very beautiful and delicately colored blend, and is one of the most sought after Irises at present. Recently given an Exhibition rating of 96, the highest of any. | |
| 90 | CARDINAL (Bliss 1919) 38 inches | 4.50 |
| | S. lavender overlaid rose, broad and beautifully arched. F. large circular, rich prune purple, very velvety. Wonderful texture, and splendidly branched. Grows well and is extremely floriferous. Many consider this Dominion seedling the best Iris in the world. It is certainly one of the most sought as the supply cannot catch up with the demand, in spite of the price remaining so high. | |
| 80 | CARTHUSIAN (Mar. 1906) 36 inches | .50 |
| | Large bluish-lavender flower of good quality on strong stems. Ruffled, and is nicely scented. Has the good qualities of Ricardi without the weak growth usual with that heritage. | |
| 82 | CHALICE (Sturtevant 1924) 35 inches. Bargain list. | .35 |
| | Clear soft yellow of even tone, a true self even to the markings on the haft. Is a little taller than Gold Imperial, and almost identical in color, but its lighter beard gives it a softer tone. Being a top bloomer, it masses well. The soft | |

Irises

yellow harmonizes splendidly with any other color, but gives a particularly beautiful effect with light blues or lavenders. Its rampant increase has given us a large stock permitting the low price.

89 CHARTIER (Hall 1925) 32 inches **4.00**

A large white with smooth wide segments. Reminiscent of White Knight, but larger, taller, and superior in every respect. Certainly one of the best hardy whites yet produced. Masses splendidly. Silver Medal, A. I. S.

CINNABAR (Wmsn 1928) 42 inches **7.00**

Flower medium to large. S. Violet Purple shading to copper at claw, Maroon veined. F. Flaring, Cotinga Purple, haft yellow, Maroon veined. Beard yellow. Well branched. Mass effect rich dark red of one tone, though the heavy velvet of the falls make it a bicolor. A rich and beautiful Iris. (After Williamson)

85 CONCHOBAR (Bliss) 37 inches **2.00**

S. light purple, F. deep reddish purple, velvety. One of the better Dominion seedlings. The large blooms have good shape and splendid texture. Is an excellent Iris of vigorous growth and good habit.

COOLEY SURPRISE (Cooley 1928) 46 inches **15.00**

"Is a seedling of Mme. Gaudichau, and is identical in shape and size, but altogether different in color, being a soft shade of heliotrope, standards slightly lighter than the falls. The beard is a most fiery orange, on a brown haft. (Cooley)

COPPERSMITH (Shull 1926) 45 inches **4.00**

S. purple drab. F. Indian lake, passing to dahlia carmine, with mahogany red reticulations at the haft. Large bright flowers of excellent texture. Of Ambassadeur type but taller. It is a little like Allies, but is much taller, larger, has more flaring falls, and its coloring is not so intense. Honorable Mention, American Iris Society, 1926.

91 DOLLY MADISON (Wmsn 1927) 36 inches **12.50**

Flowers large. S. Mauvette shading out to yellow at base. F. broad, flaring; Lilac, haft golden tinged and Maroon veined, bright orange beard. Free flowering and vigorous. Splendid form and carriage. Has been a sensation for two years. Description after Originator.

82 DOMINION (Bliss 1917) 30 inches **3.00**

S. large and erect, of light bluish violet. F. deep rich in-

digo purple velvet, nearly horizontal, the haft very wide. Enriched by a brilliant orange beard. Of exceptional substance. This epoch-making Iris is more richly colored than any of its descendants, or any other Iris. The first roots imported, weakened by the trip, gave the erroneous impression that it is a weak grower lacking hardiness. After recovering its vigor in this country it has grown well and proven to be perfectly hardy, but it increases slowly. For five years it has thriven in our garden under the same treatment as the others, without the loss of a root, and has given perfect bloom the last four years. The most famous Iris in the world, and, in the opinion of many, the most beautiful.

DOROTHY DIETZ (Williamson 1929) 38 inches 10.00

Amoena. Large, distinct and refined. S. opening light chicory blue, quickly fading to white, extreme base of claw yellowish. F. drooping; Pansy Violet, fading to paler at extreme margin, veined with Pansy Violet and old gold; beard wax yellow; styles white. (After Williamson)

DOXA See Intermediates 10.00

84 **DREAM** (Sturtevant 1918) 36 inches .35

S. lilac pink. F. slightly darker. A very lovely lilac pink Pallida with orange beard. The strong demand for it shows that its great popularity is still increasing.

87 **DUKE OF BEDFORD** (Bliss 1922) 38 inches 3.00

S. deep violet. F. deeper velvety blackish violet, with a reddish sheen. Large and tall, well branched, and a vigorous grower. One of the very best of the Dominion race.

ELSINORE (Hall 1925) 34 inches 5.00

Primrose yellow, the standards and falls more or less bordered with Veronia Purple. A charming flower of delicate coloring. No other just like it.

FIRE GOD (Nicholls 1929) 40 inches 7.50

Large spreading flower. S. reddish bronze with slight lavender tinge at center, shading to honey yellow at base. F. deep brown garnet, the entire haft covered almost solidly with heavy veins of deep brown. The falls are extremely velvety and are uniformly colored to the very edge. Beard brownish yellow. The general effect is a rich fiery brown and is a new color. It has elicited as much admiration as any Iris in the garden. Vigorous and free blooming. Early. There is sufficient stock to permit the low introductory price.

Irises

- FRIEDA MOHR** (Mohr-Mit. 1926) 48 inches 5.00
 Very large shapely flower. S. light lilac pink. F. deep rose lilac. Beard yellow. Exquisite locust-like perfume. One of the very best of the "pinks". A stately and beautiful Iris.
- 82 GAVIOTA** (Mohr 1924) .50
 Creamy white Plicata, both standards and falls edged yellow. Of fine finish and good texture, the coloring of its medium sized flowers is unusual. Hardiness quite unquestioned. Of real charm and distinction. (Description of Introducer.)
- GAY HUSSAR** (Wmsn 1929) 33 inches 5.00
 S. lemon chrome. F. flaring, deep velvety Ox-blood red, with a paler narrow margin. Beard cadmium yellow. The Originator says: "This is the most brilliant Variegata known to any of the numerous competent judges who have seen it in our garden. The falls have the substance of those of Dominion and are a solid velvety color".
- 88 GEORGE J. TRIBOLET** (Williamson 1926) 40 inches 2.00
 A fine velvety blackish red purple, which attracted a lot of favorable comment at the N. Y. Botanical Garden in 1926 and 1927.
- 85 GEORGE YELD** (Perry 1923) 40 inches 1.00
 S. bright apricot shaded rose. F. rose crimson edged buff. Large flowers of a new color combination, many open at once on tall well branched stalks. Very attractive and remarkably floriferous. Perry introduced a number of this type, George Yeld and Lord Lamborn outstanding as the best of them.
- 90 GERMAINE PERTHUIS** (Millet 1924) 38 inches 4.00
 S. a pleasing shade of violet purple. F. deep rich Bishop's violet. Is very velvety, has fine texture, and a glowing sheen on the falls not often seen. A descendant of Mme. Gaudichau, but entirely different and far more beautiful. Bruno is understood to be the other parent.
- GLEAM** (Nicholls 1929) 45 inches 7.50
 S. and F. are identical in color, pale sky-blue, and are more nearly a true blue than any other Iris we know. The purity and chastity of the flower are enhanced by a bright orange beard and yellow veins on the haft. Large spreading flower of exceptionally good shape. Has "style". Stalks are slender and graceful but strong. We know of no other

large flowered Iris of equal substance. It is similar to the beautiful Mary Barnett but is 4 to 6 inches taller, has better shape, and is far purer in color. Slightly deeper. Has been admired by practically all visitors. Vigorous and free blooming. There is sufficient stock to permit the low introductory price.

- 87 GOLD IMPERIAL** (Sturtevant 1924) 33 inches .75
 Brilliant chrome yellow throughout, enriched by a deep orange beard. It has splendid texture, rare finish and form. The stalks are widely branched, and carry a profusion of bloom. Perfectly hardy and increases rapidly. The best yellow Iris, and among the best of any color. In spite of its rapid increase, its great popularity keeps the demand far ahead of the supply.
- 83 HARRIET PRESBY** (Presby 1922) 45 inches .50
 S. rose lilac. F. darker rose lilac with orange beard. Tall and vigorous. A pretty and popular one of the pinks, in the same color range as Susan Bliss, Mrs. Marion Cran, and Lady Byng. We like it better than the last two.
- 84 IMPERATOR** (Cayeux 1923) 38 inches .75
 S. red violet tinted buff. F. deeper red violet with brown markings at base. The large blooms of good texture on strong stalks add a bright note to the garden. Somewhat similar to Edouard Michel, but the bloom is larger, the plant more vigorous, and it is generally a more satisfactory variety. A valuable addition.
- ISTRIA** See Intermediates. 3.50
- JANE WILLIAMSON** (Wmsn 1928) 36 inches 5.00
 S. bright vinaceous lilac, shading out to metallic old gold before the claw. F. flaring, color same as that of the standards but slightly deeper; veined the entire length with old gold; bright orange beard. General effect a pink pastel, in sunlight glowing with iridescent colors. Description based on that of Originator.
- 84 JUBILEE** (Sass 1923) 26 inches 1.00
 Buff heavily spotted dark copper. The handsome flower is large, and of good form and texture. Vigorous and free blooming. Mr. Sass opened up a new field of Iris beauty, this being the leader. Exquisitely beautiful.
- 81 KASHMIR WHITE** (Foster 1913) 46 inches .50
 A very tall white of heavy substance, Cypriana X. The

Irises

flowers are large and handsome, and are borne freely on established plants. It is slow to become established, but has performed very well in our garden under the same treatment as given the others.

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| 83 | KING KARL (Sass-J 1925) 30 inches
A darker Jubilee. Large frilled flower of fine shape and exceptionally good substance. S. light pinkish cinnamon, F. cream, sprinkled Liseran purple all over. Beard yellow. | 1.50 |
| 87 | LABOR (Cayeux 1926) 36 inches
S. rosy amaranth. F. heliotrope with an aniline sheen, brown veins at throat. Beard yellow. The Originator calls it his most extraordinary Iris. A deep, rich, glowing color. | 7.50 |
| 87 | L'AIGLON (Shull 1926) 42 inches
S. livid purple shading to cinnamon drab at center. F. Schoenfeldt's purple, bordered with argyle purple, very velvety. A very large, tall, dark bloom of Morning Splendor type. It is somewhat similar to Sequoiah in color, but is bluer, and has less of the bronze shading. | 4.00 |
| 78 | LA NEIGE (Verdier 1912) 30 inches. Bargain List
A beautiful clear white without veining, the falls horizontal. Unique in shape, has wonderful texture, and is probably the best bearded Iris for cut flowers. | .25 |
| 82 | LEVERRIER (Denis 1917) 48 inches
S. chinese violet. F. pansy violet. General effect light rose red, very bright. Heavily veined reddish brown on the white throat. A magnificent large spreading bloom on a four foot stalk. Hardy, vigorous, and free blooming. A very beautiful Iris, totally unlike any other, and indispensable to a good collection. | .75 |
| 83 | LONA (Sass-J 1923) 30 inches
A large and distinct Plicata of Jubilee type. S. pale purplish vinaceous, white toward center, ruffled. F. cream, finely dotted and striped eupatorium purple. Haft yellow. Like Jubilee and King Karl, it has excellent substance. | 1.50 |
| 85 | LORD LAMBORN (Perry 1923) 42 inches (3 for \$2.50)
S. a delightful shade of rose fawn suffused with pale bronze. F. rich madder crimson. The tall branched stalks are literally covered with blooms. Vigorous and of perfect habit. In the class of George Yeld, but they differ enough to justify | 1.00 |

both. They are a new color combination, and by far the best of their class recently introduced by Perry.

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| 78 | LORD OF JUNE (Yeld 1911) 42 in. | Bargain List | .40 |
| | S. chicory blue. F. lavender violet, beard yellow. A very handsome flower of the largest size, on tall well branched stalks. Probably the best known of all Irises, and one of the most popular. | | |
| 81 | LOUIS BEL See list of Intermediates | | 4.00 |
| 89 | MADAME DURRAND (Denis 1912) 48 inches | | 2.00 |
| | S. iridescent buff. F. ground of old gold flushed with lilac and amber. Large blooms on tall branching stalks. An unusual soft blend considered by some to be one of the most beautiful of all Irises. Needs special care but well worth it. A great favorite of ours. | | |
| 85 | Mme. HENRI CAYEUX (Cayeux 1924) 42 inches | | 3.00 |
| | S. smoky reddish violet. F. deep blackish purple, velvety. Large flower of Ambassadeur type but with better color in the standards. Beard brown-yellow. | | |
| 84 | MLLE. SCHWARTZ (Denis 1916) 48 inches | | .50 |
| | Very large pale mauve self of perfect form and clear color on tall graceful stalks. Exceptionally fine and greatly admired. | | |
| 85 | MAGNIFICA (Vilmorin 1920) 48 inches | | .40 |
| | S. light violet blue. F. crimson violet. General effect deep reddish pink. Very bright and one of the largest and tallest of all Irises. Created a sensation at first, and is still very popular. | | |
| 90 | MARY BARNETT (Cumbler) 42 inches | | 3.50 |
| | A tall large Pallida of crisp clear blue, with a yellow beard to light it up. It is similar to Princess Beatrice except for the beard. Splendid and very popular. | | |
| 85 | MARY GIBSON (Perry 1923) 45 inches | | 1.00 |
| | S. light bronze overlaid old rose. F. old rose suffused bronze, with a yellow haft. Brilliant orange beard. Totally different from any other variety, and a very beautiful Iris. The blooms are medium large, clean cut, and of good texture. Strong thrifty grower and a very prolific bloomer. | | |
| 87 | MEDRANO (Vilmorin 1920) 30 inches | | .35 |
| | S. reddish copper tinged violet. F. dark crimson purple al- | | |

Irises

most black in parts, flecked with buff and lavender. General effect is deep smoky wine red. Blooms of good size and shape. Has a delicious wild grape scent. Grows and blooms well.

73 MESOPOTAMICA (Dykes 1913, Coll) 48 inches **1.00**

Very large flower of lavender violet on tall flexuous stems. This is the "Mesopotamica" used by the Pacific Coast breeders, and is presumably the true species. It grows poorly in this climate. From the "Ricardis" and "Cyprianas" we placed in our garden we have found one similar to Mesopotamica but with narrower foliage and flower segments, and distinctly paler. It is probably CYPRIANA and is so designated here merely to distinguish it. It is even more difficult to grow than Mesopotamica. Neither is of any use in the general garden but are listed as of possible interest to collectors or breeders. The "Cypriana" will be supplied at the same price.

87 MICHELINE CHARRAIRE (Denis 1924) 45 inches **4.00**

Ricardi strain. S. large pure white, well arched and of excellent texture. F. pure white, flaring, and marked bronze yellow at base. Beard yellow. A very large handsome clean cut white of excellent texture, on tall strong stalks. At present the most popular of the Ricardi whites, and seems to be free from the weak growing characteristics of many of them.

MIDGARD (H. P. Sass 1926) 36 inches **5.00**

S. and F. yellow, overlaid peach pink. Both standards and falls have silvery iridescent mother-of-pearl tints, which combine with the blended shades of pink and yellow to produce a bloom of indescribable beauty. The general effect is a soft glowing pink. The blooms are very large, of excellent shape, and have very lasting substance. They are borne in profusion on well-branched stems of good height. It is a good grower and perfectly hardy. Midgard was accorded great acclaim at the 1928 National Iris Show, and we venture the opinion that it will be one of the most popular Irises for several years to come, in spite of Allure which is much like Midgard.

87 MILDRED PRESBY (Farr 1923) 30 inches **.75**

S. white with a thread line of violet at the extreme edge. F. dark velvety pansy violet with a very narrow edge of lavender white. Good texture. This beautiful Iris is the finest

Amoena to date, and is admired by everyone. Vigorous and prolific. Recently received the Award of Merit of the American Iris Society.

- 85 MRS. PERRY** (Perry 1924) 40 inches **2.00**
A very large Ricardi white of good habit. Wide segments of good texture. Faint flakes of lavender appear irregularly on the falls. Has grown well in our garden.
- 71 MRS. ROBERT EMMETT** (Perry 1925) 36 inches **7.50**
A Ricardi white with very large substantial blooms having wide segments. Bright yellow beard. Is the purest white of the Ricardis except Charraire, from which it is very different in other respects. Robust, with low well branched stalks. Grows rampantly in our garden.
- 87 MOA** (Bliss 1920) 40 inches **4.00**
S. pure violet, broad and arched. F. deep violet purple, velvety, very wide and almost circular. A wonderfully rich bloom of fine shape and texture. Grows and blooms well. Nicely branched. The tallest of the Dominions with the largest blooms, and certainly one of the best.
- 84 MOONLIGHT** (Dykes 1923) 36 inches **2.00**
S. amber white, broad and well arched. F. smoky sulphur yellow, with green gold reticulations on the haft. Yellow beard. Another very large and handsome Ricardi white, greatly admired. Grows and blooms splendidly in our severe climate.
- 91 MORNING SPLENDOR** (Shull 1922) 40 inches **1.00**
S. petunia violet. F. very velvety raisin purple. Huge blooms of lasting texture gracefully carried on strong spreading stalks. Has about all the good qualities of the Dominions, and in addition, more and better color in the standards. Strong, vigorous, and prolific. A truly gorgeous variety, generally acknowledged to be one of the best of all. The American Iris Society and the Garden Club of America have both honored it with Medals.
- MOUNT ROYAL** (Morgan 1929) 40 inches **12.50**
Large flower. "S. deep bluish violet; F. rich red pansy violet, velvety; very fragrant flower of fine form with broad flaring falls". (Morgan)
- NEBRASKA** (H. P. Sass 1928) 36 inches **6.00**
S. Apricot yellow, ruffled. F. same color, striped and clouded brown. Dark yellow beard. Large and quite different from other yellows we know.

Irises

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| | NYMPH. See Intermediates. | 3.50 |
| 82 | OCHRACEA (Denis 1919) 40 inches
S. old gold, nicely arched and of firm texture. F. old gold with a central suffusion of lavender violet. Medium sized blooms of pastel shades on well branched stalks. Indispensable on account of its appealing beauty, as well as its difference from any other. | .50 |
| 82 | ODAROLOC (Andrews 1924) 45 inches
S. and F. light mauve, slightly suffused pink, with an orange beard. An even self-color. A tall strong growing mauve having well-shaped flowers of good texture. | 2.00 |
| 83 | OPERA (Vilmorin 1916) 32 inches
S. violet rose. F. rich velvety violet purple. A very beautiful bright violet purple of medium size and height. Is very popular, and is not duplicated by any other. Thrifty and free blooming. | .50 |
| 82 | PEAU ROUGE (Cayeux 1923) 32 inches
S. coppery red. F. violet carmine. Bronze yellow beard. Approaches a true red. Has excellent form and finish, good texture, and grows and blooms well. A distinct addition. | 1.00 |
| 89 | PEERLESS (Dykes 1924) 42 inches
S. light reddish violet, large and well arched. F. deep purple red with bronze reticulations, straight hanging. A magnificent flower of large size and brilliant coloring, giving the effect of a rich glowing mahogany red. A bright gold beard lights up the whole bloom. Strong well branched stalks, grows and blooms well. | 8.00 |
| 90 | PIONEER (Bliss 1924) 42 inches
S. bright red purple. F. deep glowing red purple. Bright yellow beard. Well branched and vigorous. Mr. Bliss calls this the forerunner of a new race. The very high rating attests its excellent quality. | 2.00 |
| 84 | PRAIRIE GOLD (H. P. Sass 1926) 34 inches
"A deep yellow self. A great advance in yellow Iris, in fact, the darkest yellow in existence today. Large bloom on branching 34 inch stems. Plant hardy and vigorous, a fast increaser". (Sass) | 2.00 |
| 88 | PRIMROSE (Sturtevant 1923) 33 inches
S. amber yellow, F. lighter, barium yellow; flower lemon | 3.50 |

yellow at center. A brilliant yellow of Shekinah form. A shade deeper than Shekinah, but not as deep as Chalice or Gold Imperial. The best medium yellow.

90 PRINCESS BEATRICE (1597) 45 inches **1.00**

S. silvery lavender, domed and of good texture. F. a little darker, very broad and flaring. Large silvery lavender blooms of ideal shape and fine substance on tall strong stalks. Was the highest rated, and is still probably the handsomest of all Irises. The wide up-standing blue green foliage is quite ornamental throughout the summer.

NOTE.—In 1923 we started comparison rows containing a variety of Princess Beatrice-Pallida Dalmatica we already had and plants under the two names from several discriminating growers. The original variety has consistently been superior to all the others and is the "Princess Beatrice" here offered. Compared with the others, its stalks average three to five inches taller, and their branches are distinctly longer; its flowers are a little larger and it blooms far more freely; its habit is generally better. The others, all fine Irises will be closed out as "Pallida Dalmatica". See Bargain List.

82 PROSPERO (Yeld 1920) 48 inches **Bargain List .35**

S. lavender suffused yellow in lower half. F. deep red purple. The large well formed blooms are carried on very tall stalks, low and widely branched. Strong grower. A stately and handsome. Iris somewhat resembling Asia. Very popular.

95 PURISSIMA (Mohr-Mit. 1927) 38 inches **12.50**

A pure white of great size, fine form and heavy substance. A very beautiful Iris that has grown and bloomed very well in our garden. On older plants we hope it may be as magnificent as in California.

PURPLE HAZE (H. P. Sass 1927) 32 inches **3.00**

"A French gray self, large flowered with 32-inch stems" (Sass). The color of this beautiful Iris is new and distinct. Large silky blooms in great profusion. Vigorous.

88 QUEEN CATERINA (Sturt. 1918) 42 in. **Bargain List. .35**

A large pale lavender self, of very even color. It has a sparkling iridescent sheen, and is one of our most beautiful and popular Irises. Splendid texture and shape, vigorous and free. No other just like it.

Irises

- RAMESES** (H. P. Sass 1929) 36 inches 10.00
 "S. light russet, vinaceous with yellow glow through center; F. tourmaline pink, large apricot beard, branching stem. Plant vigorous and hardy, one of the finest new blends". (Sass)
- RED ROBE** (Nicholls 1930) 40 inches 5.00
 S. light reddish violet, arched. F. deep velvety purple-red, flaring. Color throughout is almost identical with that of Peerless. Compared with Peerless: It is taller, branched better, flowers not so large but of better shape and in better proportion to stem. More velvety, and the lasting blooms do not change color till they wilt. More floriferous, and the color viewed across the garden is richer—more carrying. They have been bloomed next each other for three years, and not one of the many visitors asked to compare them has hesitated to select Red Robe as the one liked best. Should please those who like the color of Peerless. Ample stock permits low introductory price. Name "Red Robe" submitted for registration; subject to change if not sanctioned.
- 80 **RENE CAYEUX** (Cayeux 1924) 36 inches 1.50
 S. White, faintly shaded lilac. F. crimson reddish violet, reticulated white at the throat. Large flowers with wide smooth falls. Velvety and of good texture. Tall strong stalks. A distinct departure in the Amoena class.
- RHEA** (Wmson 1928) 36 inches 3.00
 Flowers large, similar in size and form to those of Isoline but darker. S. light lobelia. F. pansy violet with tawny haft. "This is one of the most admired Irises in our garden." (Williamson).
- 82 **RIALGAR** (Sturtevant 1924) 28 inches (3 for 1.75) .50
 S. clear deep yellow. F. rather light chestnut brown. The shapely flower is large for a variegata, and it has the best standards as to clearness of color and firmness of texture of any we know. Its mass effect is a beautiful Orange not attainable with any of the selfs.
- 76 **RICARDI FONCE** (Denis 1916) 42 inches .50
 Very early, large flowered variety, on tall branched stems. S. light violet. F. deeper violet. Grows well here. Used for crossing by Denis and others. Ricardi Cross.
- 83 **ROBERT W. WALLACE** (Perry 1923) 42 inches 2.00
 S. rich violet. F. very rich deep purple black. It is the

finest large tall very dark Iris now in commerce. Excellent shape and texture, strong and free blooming. It and Mary Gibson are masterpieces, are Perry's best introductions, and will be even more popular as soon as more widely known.

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| 78 | SALONIQUE (Cayeux 1923) 28 inches | (3 for 1.25) | .50 |
| | S. creamy white. F. violet purple. Grows and blooms well. Very floriferous, and one of the best Amoenas. | | |
| 88 | SAN FRANCISCO (Mohr-Mit. 1927) 48 inches | | 12.50 |
| | "Tall stems, branching low and wide like a candelabra, carry the large white flowers, of which both standards and falls are distinctly edged lavender. In size, shape and substance, there is nothing to approach it among the older plicatas, only the color pattern tells us it should be classed with them. Awarded Dykes Memorial Medal as best American Introduction of 1927." (Salb.) | | |
| 83 | SEMINOLE (Farr 1920) 30 inches | | .35 |
| | A rich dark violet rose, the falls a little deeper than the standards. In the same color range as Opera, but is taller and a closer approach towards red. Bright orange beard. Makes a splendid mass, and its high quality has been recognized in England for some time. | | |
| | SENSATION (Cayeux 1925) 48 inches | | 10.00 |
| | Very large flowers of fine form on tall, strong stalks. Self color, cornflower blue. The exceptional substance enables the falls to stand out almost horizontally. | | |
| 83 | SHASTA (Mohr-Mitchell 1927) 40 inches | | 5.00 |
| | An excellent snow white with a few amber reticulations on the haft, and having blooms of fine form and excellent substance. Well but high branched. Has grown rampantly and bloomed profusely in our garden. It was one of the most arresting features of the garden in 1929, and appears to be the most generally satisfactory of all the large flowered whites for our climate. | | |
| 90 | SIR MICHAEL (Yeld 1925) 48 inches | | 20.00 |
| | S. clear lavender blue. F. deep purple with a red-brown glow which becomes deeper at the haft. It is strikingly beautiful and one of the outstanding achievements of recent times. Mr. Yeld has given us two of the best Irises in existence today—Asia and Sir Michael. Though it grows well, the demand will be far ahead of the available stock for some time. | | |

Irises

- 87 SNOW WHITE** (Sturtevant 1926) 36 inches 4.00
 Stock from Introducer who says: "As pure a white as White Knight, but the markings are a pale green which gives it a fragile appearance. Good form, size, and substance; 3 feet." Strong grower and bloomer. A beautiful flower and the largest of the so-called hardy whites.
- SONATA** (Wmsn 1929) 38 inches 4.00
 S. deep olive-buff, shading to sulphine yellow at the base. F. straight hanging, lilac center quickly shading out at the margins to the color of the standards; faint wash of Pompeian red at the apex of the beard. Beard Cadmium yellow. Delicate and refined, vigorous and hardy. In class of Mme. Durrand. (Adapted from Williamson)
- 90 SOUVENIR de LOETITIA MICHAUD** (Millet 1923) 48 in. 2.50
 S. lobelia blue shading to pale blue at edge. F. same color with golden yellow veins on a white ground at the haft. Bright orange beard. It has enormous blooms of perfect shape, the falls flaring downward and outward in a beautiful sweeping curve. Although the blooms are so very large, they are of splendid substance, a rare quality indeed in a large flowered variety. The blooms are in perfect proportion to the tall well-branched stalks. Although it probably carries some Mesopotamica blood, it has been perfectly hardy, and a strong grower and free bloomer in our garden. A wonderful and stately Iris, well worthy of the high rating that has been given it.
- 88 SOUV. de MME. GAUDICHAU** (Millet 1914) 42 inches .50
 S. Bradleys violet. F. brilliant velvety blackish purple. A large rich black violet bicolor. Well branched, strong, and free blooming. Habit and style excellent. One of the finest and most sought after Irises yet produced.
- 82 STEEPWAY** (Scott 1922) 42 inches (3 for 1.25) .50
 S. fawn suffused pale red violet. F. darker rose mauve with reflections of Peacock blue and Apricot. Another indescribable blend. The bright glossy blooms are of good form and size. Thrives and blooms well. This beautiful Iris is at last receiving the recognition it merits.
- 86 SUSAN BLISS** (Bliss 1922) 40 inches .50
 A uniform shade of deep rose pink with light orange beard. Nice shape and texture. Grows and blooms well. The pleasing color carries well, and we like it better than others in its color class, Mrs. Marion Cran, Lady Byng, etc.

- 88 TENEBRAE** (Bliss 1922) 38 inches **2.50**
 S. deep violet purple. F. dark velvety purple. Yellow at center. One of the richest colored of the Dominion group. It is not of great size like some of the others, and this probably accounts for its not having received the notice it merits.
- 83 THESEUS** (Hort 1923) 40 inches **2.50**
 S. and F. pure creamy white, beard yellow. The entire haft is brilliant deep gold which adds charm and beauty. The blooms are large, of good shape and substance, on tall well branched stalks. Grows and blooms splendidly in our harsh climate, and is one of our personal favorites among the Cypriana Whites.
- 77 TROJANA** (Species, Kerner) 38 inches **Bargain List .35**
 S. lavender, F. red purple. Has given its hardiness, fine branched stalk, and large bloom size to many of the best varieties. More useful as a parent than as a garden plant.
- TROSTRINGER** (Sass 1926) 36 inches **2.50**
 C. E. Stringer-Trojana cross. Has taller stems and the flowers are better placed than in C. E. Stringer; color the same. S. and F. pale rose purple; haft has yellow sheen; yellow beard. (After Sass). A very attractive "pink."
- TUSCANY GOLD** (Wmsn 1929) 32 inches **15.00**
 S. sulphine yellow, clearer and deeper yellow at the claw, shading throughout the blade to deeply tinged purplish at the margin; F. drooping; colored like the standards but with more purple, especially in the median area and near the apex; beard Cadmium yellow. The general effect is a distinct reddish gold color. (From Wmsn)
- VAN CLEVE** (Van Name 1928) 38 inches **4.00**
 S. deep purple. F. Deeper purple. Very velvety, and as rich as those of Dominion. Flare widely. A beautiful Iris of excellent shape and substance. Several blooms open at once.
- 89 VESPER GOLD** (Wmsn 1927) 40 inches **3.00**
 S. Baryta yellow, shading to pale Empire at the margins and to deep Empire at the base, the whole suffused with violaceous reflections. F. flaring; same color as standards, darker at haft with golden and maroon veining; beard bright orange. Distinct and beautiful. (Adapted from Williamson)

Irises

- 87 WEDGEWOOD** (Dykes 1923) 40 inches **2.50**

Standards and falls same color, and closer to a true blue self than any other Iris yet produced. Conspicuous white beard gives the appropriate name. Large blooms of fine form and texture. Grows and blooms well. A great acquisition. A deep blue, whereas Gleam is a pale blue.

- WHITE AND GOLD** (Nicholls 1928) 37 inches **7.50**

Our first introduction. Pure gleaming satiny white not marred by any venation whatever. Standards broad and domed. Falls flare widely and of good breadth. The brilliant gold beard makes it a very chaste flower. Form, finish, and texture unsurpassed. Low and widely branched, with 12 to 14 blooms per stalk. Perfectly hardy, increases rapidly, and blooms very freely. The spreading bloom is of large size for a hardy white.

- 81 WHITE QUEEN** (Geylenkek) 30 inches (3 for 1.25) **.50**

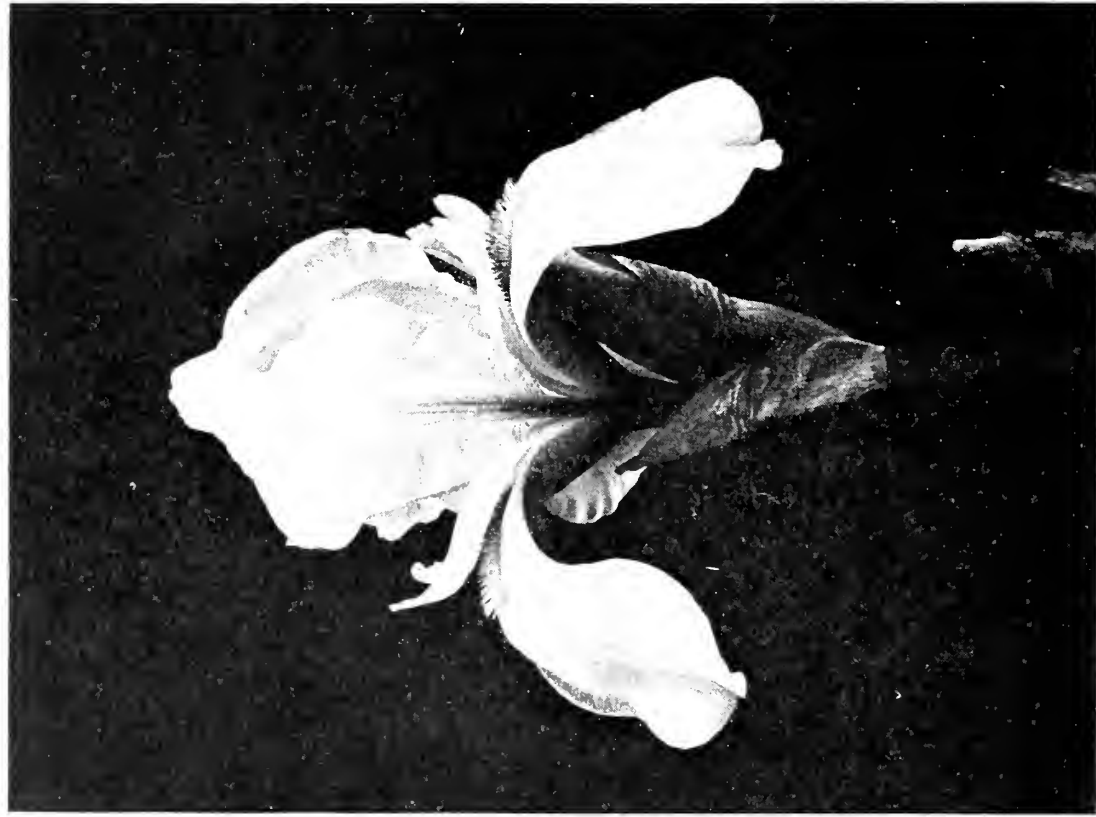
Snow white with beard and throat greenish white. Good texture. Falls nearly horizontal. Grows and blooms well. Fine Iris of a very pure color.

- WHITE STAR** (Nicholls 1928) 37 inches **3.00**

A pure white without venation, having a very attractive ivory tone. Beard yellow. Falls nearly horizontal. High branched, massing the bloom at the top. Excellent texture, hardy and free blooming. Compared with White and Gold, the shape is different, the beard not so bright, and the stalk is on the Pallida order, short branched. Covered with bloom over a long period, it makes a wonderful ivory white mass.

- 81 ZADA** (Emigholz 1926) 35 inches **1.00**

A fine pure white with a yellow beard and a few inconspicuous purple reticulations at the haft. Good sized blooms of White Knight shape, borne on well-branched stalks, of good height. A fast grower, perfectly hardy, and extremely floriferous. An excellent white, especially adapted to massing in the garden.



White Star



White Star

Intermediate Bearded Irises

These are generally the results of crossing the Dwarf Bearded with the Tall Bearded Varieties, and are intermediate in growth and in season. They are very useful for lengthening the season of Iris bloom as they begin to flower ten or fifteen days ahead of the Tall Bearded sorts.

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| 72 | ALBICANS (Lange 1860-S. Arabia) 28 inches
Large white bloom of excellent shape and substance. Though old it is one of the best. Late Int. or early T. B. Very fragrant. | .35 |
| 75 | AMAS (Coll. Fos. 1885) 30 inches. Bargain List
Very large, early Blue purple. Bloom laps over into the Tall Bearded season. | .25 |
| 77 | AUTUMN KING (H. P. Sass 1924) 34 inches
A blue-purple bicolor of fine size, shape and height that has a habit of blooming a second time in the autumn. | 1.50 |
| | AUTUMN QUEEN (H. P. Sass 1926) 15 inches
A white Iris of good shape on rather short stems. Usually blooms a second time in the fall. | 2.00 |
| 67 | BLUE BOY (Foster 1913) 15 inches Bargain List.
Deep blue self. Large blooms of good substance. Aphylla cross. | .25 |
| 78 | CRETAN (Dykes 1923, Collected) 14 inches
S. bright blue-violet. F. blackish violet purple, very velvety. Sweet scented. One of the best. | .75 |
| 83 | CRIMSON KING (Barr 1893) 30 inches. Bargain List.
Bright red purple self as deep as Kochii but of a redder tone. Also larger, taller and more open in growth. Excellent. | .25 |
| 66 | CYMBELINE (Dykes 1923) 34 inches
A Pallida-Alberti cross. Light blue gray, tall and early. Cymbeline and Charmian were the results of Dykes start to develop a new taller line of early flowering Irises. | 1.00 |
| | DOXA (H. P. Sass 1929) 26 inches
An indescribable blend of wonderful beauty. Very large bloom of perfect shape and firm substance. S. and F. creamy buff with an olive tinge, lighted at the center by | 10.00 |

bright violet suffusion. One of the most outstanding introductions of recent years. Its earliness has prevented its being seen by many; it is expected to be very popular as soon as known.

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| 82 | GNOME (Bliss 1921) 26 inches
Early deep blackish claret purple, almost a self. A little darker than Crimson King but almost identical otherwise. | .50 |
| 79 | INGEBORG (G. & K. 1908) 25 inches
Clear warm white of nice form and good substance. Grows and blooms well. | .25 |
| 79 | ISTRIA (Dykes 1922, Coll.) 28 inches
S. pure white faintly tinted green. F. pure white with greenish veins. Chaste and beautiful flower of excellent form and exceptional substance. Large bloom. The high worth of Istria appears not to have been observed till 1929; by August our considerable stock was exhausted and it was nearly unobtainable in this country. | 3.50 |
| 81 | LOUIS BEL (Denis 1925) 33 inches
S. very dark pansy violet. F. a splendid blackish violet purple, extremely velvety. Not only the darkest, but the richest color of any Iris. The flowers are large, the plant of great vigor, good height, fine habit and foliage. Always attracts the attention of visitors. | 4.00 |
| 64 | LURIDA (Soland 1789, Coll) 15 inches
A tawny bronze red which continues to appeal to visitors. Unique. | .25 |
| | NYMPH (H. P. Sass 1926)
An empire yellow intermediate. | 3.50 |
| 79 | TOM TIT (Bliss 1919) 18 inches
Small very dark mulberry purple, of good texture, and has horizontal falls. Early and bright. Nothing else just like it, early or late. | .35 |
| 74 | ZUA (Crawford 1914) 15 inches
S. and F. white, delicately veined lilac throughout. Very large blooms with serrated edges having a crinkly, crepey texture to be found in no other Iris. Has four or five blooms of good shape and substance to the stalk. Unlike any other, and very pretty. | .35 |

Dwarf Bearded Irises

These Irises are dwarf in growth and short of stem, but some of them bear comparatively large blooms. They come into bloom about one month before the Tall Bearded Varieties. They are of great value in the Rock Garden, for planting in front of the taller sorts, and for edging. Interest in them is mounting and their value will soon be known generally. In anticipation of the call for them, we added many sorts last year and will further augment the list. Before listing most of them we will await increase sufficient to permit appropriate prices. This leaves our current list very small.

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| 85 | AZUREA (Collected) 4 inches
Sky-blue. Beautiful color and one of the earliest. | .35 |
| | BETSY PRESBY (Fryer 1919) 6 inches
Nice light yellow bicolor. | .35 |
| | GRAMINEA (Bonnewitz list) 6 inches
Brilliant red-violet, almost a self; beard orange. Beautiful color, shapely bloom, and good substance make this one of the best. Profuse bloomer. Not the beardless Species, Graminea. | .35 |
| | HURON IMP (Bur. 1923) 6 inches
Deep blue toned self. Excellent. | .75 |
| 85 | MAROCAIN (Millet 1914) 6 inches
Deep red-violet. General effect in mass, a rich red. Good form and substance and very popular. | .50 |
| | ORANGE QUEEN (Barr 1910) 6 inches
Clear deep yellow self. Possibly the best yellow dwarf. Good in every way. | .35 |
| 81 | PUMILA ATROVIOLACEA (Tod-1856) 6 inches
Deep violet purple. Bright, floriferous, blooms large and shapely. Old but good. | .35 |
| | REICHENBACHII-ORANGE (Coll. Dwarf) 8 inches
Clear, deep yellow self. Grows well, blooms freely, and is an excellent yellow dwarf. One bloom per stalk. | .35 |
| | REICHENBACHII—Yellow (Coll. Dwarf) 6 inches
Yellow sometimes flaked with lavender blue. A thrifty little Iris with two blooms per stalk. | .35 |
| | YELLOW BIRD (Van Fleet 1926) 6 inches
Medium yellow of high quality. Grows and blooms well. | .35 |

The Oncocyclus and Regelia Group

This group contains some of the largest and some of the most beautiful blooms of all the Irises; some of them have curious flowers but all of them are interesting.

The Irises in this group can be grown successfully and bloomed in this severe climate if we imitate the dry summer conditions prevailing in their native homes, Asia Minor, Persia and Turkestan. There they have a short rainy season and drought for the rest of the year.

This is the treatment we have found best. When the leaves have died down after the blooming season, or about July 25 here, dig, wash and sun for two or three days, and store in a box of perfectly dry sand until time to replant. It is well to add to the sand a little tobacco dust or snuff as a protection against any aphids present.

They should be replanted two or three weeks before the ground freezes, the later the better. If put out earlier in a moist climate the next year's growth may start and be killed by the winter. The roots themselves are not injured by the severest cold weather. Plant with the crowns about two inches below the surface. It is well to cover lightly with straw to prevent heaving as with other plants. We have varied the date of planting rather widely without loss. The illustrations are from snapshots made in our garden in June, 1929, and are not from imported roots. All of this group have very small roots.

Some prefer to hold the roots over winter and plant in early spring; we are doing this with a number of the different sorts and will have information on this point by June. Still another way is to plant in a cold frame and cover with the glass in July; the cold frame should be raised as an additional safeguard against dampness. For those with cold frames, this method is easy and will work well.

There is no reason why anyone should not be able to enjoy the beautiful bloom of these Irises if willing to take the small pains outlined above; it may be noted that the proper handling of these Irises is much simpler than that necessary with the Gladiolus, Dahlia, Canna, etc.

They bloom with the Intermediates, just ahead of the Tall Bearded. They do best in a rich, well drained, and limed soil, with plenty of sun to ripen off the roots before lifting. Formation of seed greatly weakens these plants. October shipment.

Oncocyclus

SARI var. **LURIDA** (North. Palestine, 1887)

2.00

S. dark lavender, with delicate veins of a deeper color. F. creamy grey ground, heavily dotted and veined deep lav-

Irises

ender purple. Dark velvety signal patch below the black purple beard. Same shape as Susiana. Nearest in color to Lorteti, which Dykes considered the most beautiful of all Irises, but which is the hardest to grow of the entire genus. Sari is one of the sturdiest growers of the Oncocyclus sorts.

SUSIANA (Coll. Asia Minor, 1573)

2.00

The "Mourning Widow" Iris. S. and F. ground color greyish blue with purplish black veins and spots, the falls a little deeper than the standards. Beard and style crests black, with a velvety deep purple black signal patch below the beard. The backs of the styles and the bases of the standards are deep ox-blood red which suffuses the entire heart of the flower, adding to its beauty. The blooms are huge, with very broad, circular segments, and a characteristic globular shape. Not only unusual but beautiful as well. This is the Iris seen in the display windows of the florists of Nice and Monte Carlo in winter. Each year this Iris has been so popular that we were sold out early but we hope to have enough for the demand this season. We select for shipment the strongest of the full-sized roots.

Regelias

HOOGIANA-Type (Turkestan 1913)

2.00

"Perhaps the most aristocratic of all Irises" (Dykes). Even self-color of a lovely shade of soft pale blue, illumined by a bright golden beard. The flowers are large with broad segments, the falls pointed. The satiny texture and chaste color of the flowers are accompanied by particularly firm and lasting substance. As with the others of this group, its roots are amazingly small to send up thirty inch stalks with the large blooms.

HOOGIANA—Violet purple variation.

2.00

This differs from the type in having longer falls but the greatest difference is in the color; the falls are flushed with violet purple, brightest near their center. Distinct.

KOROLKOWI CONCOLOR (Turkestan 1888)

2.00

S. and F. violet, heavily veined with black-purple. The beard is black, and the signal patch on the falls and the styles are nearly so. The segments of the bloom are elongated and pointed, but of good width, forming a nice sized bloom of rather long shape.

STOLONIFERA (Coll. Turkestan 1869)

2.00

S. bronze brown shading to a fine purple at center, finely veined brown throughout. F. with less purple, almost entirely a rich coppery red brown, veined lighter brown. Beard yellow, styles light purple with brown crests. The central portion of the bloom has an electric-blue sheen. In general, the bloom is a blend of bronze and coppery brown. The blooms are large and well shaped, much like German iris, but both S. and F. have wavy edges and are pointed. There are two to three blooms to the stalk, and the plant is a good grower. An exceedingly beautiful Iris.

VAGA (Coll. Turkestan, 1884)

2.00

S. bronze shading through purple to electric blue at center, veined bronze. F. bronze, shading to a fine purple at center. Blue beard. Styles purple overlaid blue, crests bronze. The bloom is a lovely blend of bronze and electric blue, the clear blue suffusing the entire center of the bloom. This iris is a variation of Stolonifera, and has the same large, wavy edged blooms, borne two or three to the stalk. Like Stolonifera it is also a good grower.



Susiana



Hoogiana

Regelio-Cyclus Hybrids

A strain of free-flowering Hybrid Irises of great beauty originated by C. G. Van Tubergen, Ltd. of Holland. They are crosses between the Regelias and the Oncocyclus and most of them came into commerce about 1907. They can be successfully grown by the method given. They flower freely, and when cut in the bud will develop fully in water. The flowers are strikingly veined on white, soft violet-purple or Brown ground. The descriptions were made from the blooms in the field.

ASPASIA 2.00

S. almost solid reddish lavender, veined darker. F. strongly veined and dotted with dark reddish brown lavender, with dark blotch and beard. Styles blackish violet. General effect, rich wine color.

CHARON 2.00

Bronzy-mahogany ground beautifully veined with old gold and bronze. Especially good.

DIDO 2.00

S. lavender, veined deeper. F. Grey ground with veins and dots of reddish brown. Styles solid reddish brown.

FLECTA 2.00

S. lavender. F. creamy grey ground, veined and dotted red-brown Mahogany, dark blotch. Styles red-brown Mahogany.

HEBE 2.00

S. suffused lavender, veined violet-blue. F. grey ground, heavily veined and dotted lavender purple. Dark violet blotch and beard. Styles solid lavender.

HECATE 2.00

S. lilac rose. F. creamy ground, veined and dotted red-brown. Other details like Flecta.

HERA 2.00

S. clear violet, veined deeper. F. ruby red, veined bronze. Styles pale lavender.

IRENE

2.00

S. flushed with pale lavender and veined with lavender purple. F. silvery grey, prominently veined and dotted with dark lavender purple. Dark velvety blotch. Styles reddish Mahogany.

ORESTES

2.00

S. and F. reddish brown Mahogany, the falls veined darker. Dark blotch, yellowish beard, and brilliant purple lavender styles.

PSYCHE

2.00

Same colors as Irene except that the ground color is a darker grey, and the blotch is black-brown.



Pogo-Cyclus Hybrids

These result from crossing the Bearded with the Oncocyclus Irises. All are distinct, some are beautiful, and others are more curious than ornamental. They grow and bloom well in our severe climate under exactly the same treatment as the Bearded Iris. We plant the two together.

- | | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 79 | LADY LILFORD (Foster) 30 inches
Cross of the Oncocyclus Paradoxa and Pogoniris Pallida. A deep violet purple, with the falls particularly deep. The flowers are large and the stems tall. A beautiful and valuable Iris, which has been quite hardy in our severe climate. | 1.00 |
| 72 | PARVAR (Foster 1909) 24 inches
Cross of the Oncocyclus Paradoxa and Pogoniris Variegata. S. peculiar black violet. F. horizontal, narrow, very dark brownish violet with a velvety sheen. It has a very broad and long, mossy, deep brown beard that covers almost half the surface of the falls, and is one of its chief attractions. It is a small, curious but pretty bloom of peculiar shape, which it inherited from Paradoxa. A free bloomer under exactly the same culture as Bearded Iris. | 1.50 |
| 81 | WM. MOHR (Mohr-Mit. 1925) 24 inches
Hybrid of Parisiana X Gatesii. The ground color is pale lilac, standards flushed dark, the whole flower beautifully veined manganese violet. The very large flower is of excellent shape and good substance. Stems strong and rigid, each usually having four flowers. Grows and blooms well here. It is a great advance over the other similar Hybrids and has been sensational. | 10.00 |
| 82 | ZWANENBURG (Denis 1909) 18 inches
Hybrid of the Oncocyclus Susiana and the Dwarf Bearded Lutescens Aurea. S. amber, washed olive green and lavender, the whole overlaid silvery white. F. very velvety, ecru olive to fawn or chamois, flaked and striated burnt lake. Large well-shaped flowers, four to six to the stalk. It is early, opening soon after the dwarfs, but blooms well into the tall bearded season. Hardy, fast growing, and very floriferous. The same culture as bearded iris. Absolutely unique coloring and worthy of a place in every collection. We think it very attractive as well as unusual. | Bargain List
.25 |

Spurias

The Irises of this beardless group are too little known as they comprise some of the best garden plants in the genus. They grow admirably by the waterside, their tall shafts of flowers and long sword-like foliage appear to best effect in such situations. However, all will grow in ordinary garden soil but should be planted in full sunshine. Their blooms are much like those of the Dutch and Spanish Irises and are beautiful as cut flowers, lasting a long time. Many inquiries for them show a rising interest and have led us to start with a selected few. (Adapted from R. W. Wallace & Co.) Bloom in early July here.

MONAUREA (Aurea X Monnieri) 60 inches 1.50

Primrose yellow, slightly deeper than Monnieri. The large flowers are borne freely. An impressive plant.

MONNIERI (1808-unknown) 48 inches 2.00

Deep primrose yellow. Late flowering. One of the best.

OCHROLEUCA (Linn. 1771) 60 inches 1.00

“Noble-growing hardy plant, producing large flowers of ivory whiteness, with orange yellow at throat, of a stout texture, lasting in beauty for days, highly effective for decorative purposes”. (Wallace) The description does not exaggerate and this one is our favorite.

September and October shipment only in 1930. After more stocks accumulate we can ship in early spring also.

American Species and Hybrids

At last the American native Beardless Irises are receiving the attention they deserve. Their number is large, many of them are very beautiful, and all are quite useful. Much will be heard of them from now on.

Dr. J. K. Small of the N. Y. Botanical Gardens has, in the last four years, discovered and classified many hitherto unknown Species and variations of the Southern native sorts. Our representative has just spent a month in the Lower Mississippi field collecting and shipping to our garden numbers of the very beautiful kinds found in bloom there. Fortunately, Dr. Small and Mr. Alexander were on the ground for the same purpose, and their valuable counsel and help was available. Our garden now contains all the most beautiful Species and a considerable number of rare variations from type. Most of them will be offered in 1931, subject to definite confirmation while blooming in our fields. Prices will be reasonable though we may be the only commercial source of most of these Irises.

They prefer a moist situation and can be planted by a stream, but it is best not to plant where standing water may freeze over them. They are not capricious and may be grown in the border with the bearded. All we have grown thus far have thriven without protection of any kind. It is helpful to work a little peat moss into the soil when planting; it is inexpensive and any florist can supply. Should be in sun.

September shipment.

D. K. WILLIAMSON (Wmsn 1918) 30 inches .50

Fulva X Foliosa. Large velvety flowers of vivid purple. Lasting substance. The color, shape of bloom and stem arrangement are very artistic. It is a splendid cut flower, a vase of blooms always eliciting admiration. A good rock garden subject.

FOLIOSA (Coll. lower Miss. 1902) 20 inches .50

Large flowers of violet-blue on zig-zag stems; the blooms are among the leaves.

FULVA (Coll. lower Miss. 1812) 30 inches .50

Flat flowers of unusual coppery red, often described as bright terra-cotta. Unique among the Irises and quite worthy.

FULVALA (Dykes 1910) 30 inches .50

Fulva X Foliosa. Exactly like D. K. Williamson in every respect except the color which is of a redder tone.

- PRISMATICA** (Coll. Pursh 1814) 24 inches .50
S. pale blue. F. white ground, yellow tinged at base and veined and flecked with blue which merges about the edges. Very dainty and one of the most desirable of our native irises; forms large clumps or extensive colonies.
- SHREVEI** (Small 1927. Coll.) 30 inches .50
S. light violet, faintly lined dark violet. F. light lavender, yellow-green blotch near haft. Stalk has one or two branches high as main stem. Showy flowers at top of leaves. Sweet scented. Coll. by Ralph Shreve.
- SHREVEI-Variation.** (Shreve) 30 inches .75
White bordered pale blue, very lovely and rare, but a strong grower. (Shreve). Both prefer moist place but will grow in dry situation, even if limed.
- VERSICOLOR** (Linn. 1753) 24 inches .35
Native blue flag of Eastern U. S. Prefers moist situation but will grow almost anywhere. Useful for landscaping.
-

Crested Irises

The dwarf Crested Irises, *Cristata*, *Verna* and *Lacustris* are little gems. They are particularly charming in the rock garden. Their natural habitat is dry, but they do well in a damp place in the rock garden. Must have thorough drainage, and leaf mold or ground peat moss should be incorporated in soil around them. Some shade is beneficial.

A white form of *Cristata* will be listed later. Our stock of *Lacustris* is small and we would like to hear from collectors around Lakes Superior, Huron or Michigan who can supply.

- CRISTATA** (Coll. U. S. Aiton 1789) 4 inches .35
Clear lavender, orange at haft. Fragrant.
- VERNA** (Coll. U. S. Linn. 1753) 6 inches .35
Lilac blue, banded orange at haft. Fragrant. More like bearded than crested Iris. .
- TECTORUM** (Maxim 1871 China) 12 inches .50
The Chinese roof Iris. Large flowers of deep lilac blue with striking white crests. Very handsome. Plant in sunny position with good drainage.

Irises in Prospect

In our garden to be listed in 1931 are the Irises given below.

Tall Bearded: Aksarben, Allure, Amerind, Antares, Arcturus, Argos, Arlette, Baldwin, Cameliard, Cassiopee, Caylus, C. E. Stringer, Chasseur, Citronella, Claridad, Coronation, Dauntless, Etoile du Matin, Euphony, Fra Angelico, Glorise, Golden Glory, Grace Sturtevant, Horizon, Le Corregge, Los Angeles, Maori Princess, Mrs. Valerie West, Omaha, Ophelia, Orion, Otoo, Pegase, Ragusa, Realm, Sophronia, Swazi, Van Dyck, and Zulu. Already arranged for adding this summer are Blue Velvet, Desert Gold, Klamath, Pink Satin, Pluie d'Or, W. R. Dykes, etc.

Prof. Essig sent to my garden last summer, for exhibition purposes only, these of his originations: California Blue, Pacific, Rose Mitchell, Stipples, Sundew, Hollywood, and seedling 15-B. It is hoped that all will bloom this summer for visitors to see.

Intermediate Bearded: Only a few new ones.

Dwarf Bearded: Twelve new.

Japanese: Eighteen carefully selected varieties, authoritatively true. They will be featured as soon as stocks can be accumulated.

Sibiricas: Only a start but they will be followed up.

Oncocyclis and Regelia Group: One or two not already included in our present large assortment.

Juno: Bucharica and Orchioides.

Crested: Cristata, Cristata Alba, Verna, Lacustris, and Tectorum.

American Native Beardless: An unusually large number of species and their variations from type. Our collection of these is to be made the most comprehensive in commerce anywhere. We will specialize in them as they deserve.

Bargain List

To make room for about 6,000 new seedlings each year, we must curtail our stocks of the following to the minimum for possible crossing, or for comparison study by visitors. All are good, some are fine, and many are among the world's best.

Not less than 12 of one kind at the 12 rate. Add 3c postage for each root up to 11; 12 or more are shipped express collect. No discounts apply.

	1	3	12
87 Alcazar, well-branched blue purple bicolor.....	\$0.25	\$0.50	\$1.50
75 Amas, early large flowered blue and purple.....	.25	.50	1.50
77 Aurea, pure golden yellow.....	.25	.50	1.50
67 Blue Boy, early deep blue self, true Aphylla....	.25	.50	1.50
83 Caterina, tall well-branched light lavender blue	.25	.50	1.50
82 Chalice, tall, new, bright pure yellow.....	.35	.75	2.25
83 Crimson King, early deep black violet purple..	.25	.50	1.50
85 Crusader, tall striking blue, very brilliant.....	.35	.75	2.50
81 Edouard Michel, tall brilliant wine red.....	.35	.75	2.50
83 Georgia, beautiful orchid pink.....	.25	.50	1.50
81 Halo, light blue standards, deeper blue falls....	.35	.75	2.50
84 Isoline, an indescribable old rose and buff blend	.25	.50	1.50
74 Junonia, light lavender blue, not the Species....	.25	.50	1.25
78 La Neige, pure waxy white of excellent texture	.25	.50	1.25
88 L. A. Williamson, strong-growing purple.....	.25	.50	1.50
78 Lord of June, large flowered light blue bicolor	.40	1.00	3.00
70 Mme. Chereau, 45-inch white frilled blue.....	.25	.50	1.50
77 Monsignor, velvety blue and purple.....	.25	.50	1.50
78 Montezuma, very curious yellow spotted brown	.25	.50	.....
84 Mother of Pearl, tall iridescent pale mauve.....	.25	.50	1.50
79 Nine Wells, tall velvety purple.....	.25	.50	1.50
88 Pallida Dalmatica, tall pale lavender blue.....	.35	.75	2.50
84 Prosper Laugier, Good brown.....	.25	.50	.....
82 Prospero, 48-inch well-branched purple bicolor	.35	.75	2.50
88 Queen Caterina, iridescent lavender.....	.35	.75	2.50
79 Regan, early tall, very large flowered purple....	.35	.75	2.50
83 Rubyd, ruby purple with blue beard.....	.40	1.00	3.00
84 Shekinah, very good tall light yellow.....	.25	.50	1.50
76 Sherwin Wright, short bright yellow.....	.25	.50	1.50
77 Trojana, tall species, purple bicolor.....	.35	.75	2.50
80 White Knight, excellent pure white, late.....	.25	.50	1.25
82 Zwanenburg, fawn and maroon blend.....	.25	.50	1.50

Peonies

Many of us think Peonies the most gorgeously beautiful of all flowers. They are large but the better sorts are free from any hint of coarseness.

The rating before the names are good indices of the merits of the Peonies. Nearly all in the list are highly rated sorts.

Peonies are easy to grow but cannot be abused like the Irises; placed in any good garden soil they often outlast the planter. Plant in sun, not close to trees and hedges or they will be starved. Plant in fall with about two inches of soil above the eyes.

Strong roots will be supplied—relatively as good as the Iris plants we ship. The largest natural divisions of a few varieties often set only two eyes, and some of that number will be sent; most of the roots will have more eyes. All are from three-year clumps.

The descriptions are brief as all the varieties are well known.

DOUBLES

81	ASA GRAY. Salmon flesh, thickly powered with rosy dots.	\$0.75
86	CHERRY HILL. Deep garnet red. Tall and good.....	2.00
92	E. B. BROWNING. Large white with blush and Canary tints.	3.00
85	EXQUISITE. Bright rose pink, paling to tips.....	2.00
89	GEORGIANA SHAYLOR. Light rose pink, vivid crimson marks.	2.00
85	GERMAINE BIGOT. Pale lilac rose, tinted salmon flesh, crimson marks. ....	.75
87	JAMES KELWAY. Dainty flesh pink, whitening with age.	.75
92	JEANNOT. Delicate flesh pink tinted lavender. A beauty	7.50
89	JUBILEE. Huge lacy white. ....	.75
88	KARL ROSEFIELD. Bright crimson. Fine.	1.00
91	LADY A. DUFF. Huge rose-shaped light pink. Splendid.	1.50
90	LA FRANCE. Apple blossom pink, tipped carmine.	2.00
99	LE CYGNE. Gorgeous white, tinged ivory. Most highly rated of all.	5.00
90	LONGFELLOW. Bright crimson. Tall and fine.....	2.00
89	MARIE CROUSSE. Exquisite shade of salmon pink.....	1.25
83	MARIE JACQUIN. Pale flesh changing to white. Very beautiful.	1.00
87	MARY BRAND. Dark, clear crimson, brilliant sheen.....	1.50



Mrs. Edward Harding



Jeannot

Irises

90	M. W. SHAYLOR. Shell-pink, creamy yellow at center. Crimson blotches.	4.00
90	MILTON HILL. Very light shell pink. Luminous.	2.50
89	MME. E. LEMOINE. White suffused pink. Crimson flakes	1.50
94	MME. JULES DESSERT. Flesh white with golden glow....	2.00
92	M. JULES ELIE. Silvery lilac rose. Beauty. ....	.75
93	MRS. EDW. HARDING. Clear white, golden glow from hidden stamens.	5.00
85	OPAL. Pale rose pink, opalescent.	1.00
92	PHILIPPE RIVOIRE. Rich dark crimson. Fragrant. Best red.	7.50
86	PRIMEVERE. Almost a true yellow. Fine.	2.00
90	RAOUL DESSERT. Brilliant shell pink of rare shade.....	5.00
88	RICHARD CARVEL. Very early bright crimson. Does not fade.	3.00
97	SOLANGE. Cream-white, suffused orange-salmon. Wonderful.	2.00
94	TOURANGELLE. Cream-white, tan suffusion, toning to flesh pink in center. None more beautiful.	2.00
83	VENUS. Old-rose pink, lavender tone. ....	.75
93	WALTER FAXON. Vivid shell-pink, luminous. A beauty.	2.50

SINGLE AND JAPANESE PEONIES.

The great beauty and usefulness of these are being recognized more all the time, and the supply is behind the demand. More graceful than the doubles and stand up better in the rain.

JAPANESE.

85	ALMA. Delicate rose-pink. Petaloids bright yellow.....	1.00
92	AMANO SODE. Bright rose-pink. Staminodes yellow, tipped rose. Splendid.	7.50
92	FUYAJO. Brilliant deep mahogany red, petaloids dark old rose, tipped buff. A favorite.	5.00
93	ISANI GIDUI. Pure white, staminodes rich buff-yellow. Most charming of all.	12.00
	KELWAYS MAGNIFICENCE. Nice pink with yellow center.	.75
86	KING OF ENGLAND. Dark red, buff staminodes streaked carmine.	4.00
94	TAMATBAKO. Bright pink, center yellow, tipped pink. Largest of all. In great demand.	17.50
89	TOKIO. Fine tall pink. Yellow staminodes stained pink on upper half.	5.00

J. C. Nicholls

80	TORPILLEUR. Light crimson, staminodes same color, tipped pink and yellow.	2.50
77	YESO. Flesh white. Upstanding feathery staminodes. Charming.	2.00

SINGLE.

81	LA FRAICHEUR. Light rose pink, pure and delicate. Price low—we have large stock.	1.00
86	LE JOUR. Enormous pure white, fine substance. A beauty.	3.50
84	L'ETINCELANTE. Bright pink, bordered silver.	1.50
82	MAFEKING. Dark ruby-red, yellow stamens with ruddy filaments.	1.50
86	NELLIE. Rose pink, yellow stamens.	1.50
89	PRIDE OF LANGPORT. Not for sale.	

WITTMANIANA HYBRIDS

86	AVANT GARDE. Early. Exquisite single flower. Pale pink with yellow tint. Golden stamens.	3.00
84	MAIFLEURI. Delicate flesh white, with creamy yellow tone.	3.00

Collections

Collections of good Irises and Peonies can be sold at greatly reduced prices as they are assembled in quantity at a considerable saving over assorted orders. The Collections are laid out with care and we do not expect to see them equalled this year.

Every root we ship is labeled with its name.

NO CHANGES OR SUBSTITUTIONS WHATEVER CAN BE ALLOWED IN COLLECTIONS.

IRISES.

COLLECTION "A" \$2.50

Afterglow	\$0.35
Alcazar .....	.25
Blue Boy .....	.25
Caterina .....	.25
Crimson King .....	.25
Georgia .....	.25
Ingeborg .....	.25
Isoline .....	.25
L. A. Williamson .....	.25
Mother of Pearl .....	.25
Prospero .....	.35
Quaker Lady .....	.25
Seminole .....	.35
Shekinah .....	.25
White Knight .....	.25
Zwanenburg .....	.25
Total	\$4.30

Price \$2.50

COLLECTION "B" \$3.25

Ambassadeur	\$0.50
Ballerine .....	.50
Chalice .....	.35
Dream .....	.35
Lord of June .....	.40
Mme. Gaudichau .....	.50
Magnifica .....	.40
Medrano .....	.35
Queen Caterina .....	.35
La Neige .....	.25
Ochracea .....	.50
Rialgar .....	.50
Total	\$4.95

Price \$3.25

COLLECTION "C" \$3.00

Argynnis	\$0.50
Crusader .....	.35
Halo .....	.35
Leverrier .....	.75
Mlle. Schwartz .....	.50
Opera .....	.50
Steepway .....	.50
Susan Bliss .....	.50
White Queen .....	.50
Total	\$4.45

Price \$3.00

COLLECTION "D" \$10.00

Aphrodite	\$1.50
Asia	1.00
Cardinal	4.50
Gold Imperial .....	.75
Jubilee	1.00
Lord Lamborn	1.00
Mary Gibson	1.00
Mildred Presby .....	.75
Morning Splendor	1.00
Peau Rouge	1.00
Princess Beatrice	1.00
Total	\$14.50

Price \$10.00

J. C. Nicholls

COLLECTION "E" \$6.50

Alabaster	\$1.25
Amber	2.00
George Yeld	1.00
R. W. Wallace	2.00
Souv. L. Michaud	2.50
Total	\$8.75

Price \$6.50

COLLECTION "F" \$22.50

Fire God	\$7.50
Gleam	7.50
Red Robe	5.00
White and Gold	7.50
White Star	3.00
Total	\$30.50

Price \$22.50

COLLECTION "G" \$9.00

Hoogiana	\$2.00
Korolkowi Concolor	2.00
Sari, Var. Lurida	2.00
Stolonifera	2.00
Susiana	2.00
Vaga	2.00
Total	\$12.00

Price \$9.00

COLLECTION "H" \$2.25

D. K. Williamson	\$0.50
Foliosa .....	.50
Fulva .....	.75
Fulvala .....	.50
Ochroleuca	1.00
Total	\$3.25

Price \$2.25

COLLECTION "I" \$6.50

Aspasia	\$2.00
Dido	2.00
Hebe	2.00
Hecate	2.00
Total	\$8.00

Price \$6.50

COLLECTION "J" \$6.50

Hera	\$2.00
Irene	2.00
Orestes	2.00
Psyche	2.00
Total	\$8.00

Price \$6.50

PEONIES.

COLLECTION "X" \$3.50

Asa Grey	\$0.75
James Kelway .....	.75
Jubilee .....	.75
Karl Rosefield	1.00
M. Jules Elie .....	.75
Venus .....	.75
Total	\$4.75

Price \$3.50

COLLECTION "Y" \$4.25

La Fraicheur	\$1.00
L'Etincelante	1.50
Mafeking	1.50
Nellie	1.50
Total	\$5.50

Price \$4.25

COLLECTION "Z" \$9.00

Lady A. Duff	\$1.50
Longfellow	2.00
Marie Jacquin	1.00
Solange	2.00
Tourangelle	2.00
Walter Faxon	2.50
Total	\$11.00

Price \$9.00

Planting and Culture

BEARDED IRISES. May be planted whenever the ground is not frozen but the best time is from July 25 to September 1.

Where: In open garden, border, rock garden, slopes, curb. Not in shade nor where it stays wet.

How: Spread and firm the roots so that the top of the fleshy rhizome is just covered with earth.

Distance: From eight inches apart up. Allow two feet intervals for full development.

Cultivation: Shallow and frequent. Keep weeds out. Do not allow soil, trash or dead leaves to accumulate in and about the clump—may cause rot, harbor vermin or fungus spores.

Food: Manure is apt to introduce harmful bacteria, nematodes, weed seed. Bone meal and wood ashes are good but of undetermined content; we prefer to use commercial 5-10-5 fertilizer at rate of three or four ounces per square yard; apply twice per year. **DO NOT PLACE ANY FERTILIZER CLOSER THAN SIX INCHES OF THE PLANT.** This is particularly important as to manure or bone meal.

Soil: Must be sweet; apply one pound or more of agricultural ground limestone per square yard, cost about \$.30 per 100 lbs.

Mulch: For the first winter, protect against heaving with a three or four inch mulch of any loose straw; buckwheat straw is our choice; tree leaves mat down too closely for proper ventilation. Apply about freeze-up time and remove in **EARLY** spring. This paragraph applies to all the Irises and Peonies.

OTHER IRISES. Plant in spring or fall—best. All like the sun but *Cristata*, *Verna*, *Lacustris* do well in part shade. The Bearded, *Oncocyclus* and *Regelia* like lime; the others do best in slightly acid soil—add a little peat moss, inexpensive. The Japanese, *Spurias* and American Beardless like a moist place, and should not be placed in exceptionally dry position; plant so that the fleshy root is one inch below the surface.

IRIS ROT. Cut out the affected parts to clean substance and dust with sulphur; clear the earth so as to expose the rhizome to the sunrays, cutting away any leaves that interfere. Instead of the sulphur, some use gypsum, 1 to 1000 solution of mercury bichloride, or a wine red solution of potassium permanganate. The sun is the most effective. The whole plant may be lifted, divided, treated, and replanted in a new location.

IRIS BORER. We had many to 1923, none since. Probably the most effective single step is to gather and burn all dead leaves both in late fall and in early spring—this gets the eggs. Transplanting every two years probably helped. Cut off near ground and remove all bloom stalks; this not only removes any borers present but eliminates some danger of rot.

Leaf spot of Irises, Botritis of Peonies, and any of the fungus attacks on any plants are readily controlled by dusting every two weeks with Bordeaux or other fungicide.

Peonies

Time to plant: Best from Sept. 1 to Nov. 1. May be planted in early spring.

Place: In open garden or border. Not in sod nor too close to trees and hedges or they will be starved. Avoid wet location.

How: Place in hole so that the eyes will be 2 or 3 inches below finished surface, then work the earth firmly about and between the roots till the filling has been completed.

Distance: At least two foot interval, preferably three.

Cultivation, food, soil and mulch: Same as for Bearded Irises. Clean away dead stems, dust with Bordeaux or copper-lime.

Pinch out the side buds if specimen blooms are desired.

General

Discussions of the diseases and insect pests of the Peony and Iris are informative and have their place, as possibly have the minute instructions for trenching soil, etc. Whenever we read some of this, we wonder how on earth we ever had the temerity to put in a single plant of either; then we think of the millions of both that are thriving all over the land, sprayless, dustless, and generally acting as though they had never been informed of the dread things that might get them. The better growers deliver healthy plants and there is no need for worry.

